

2010 ARRL 10 Meter Contest Results

Ken Harker, WM5R

wm5r@wm5r.org

New multipliers, more sunspots, LOTS of fun!

The 38th annual ARRL 10 Meter contest on December 11-12, 2010 was a new and exciting challenge for many enthusiasts of the 10 meter band. Propagation is picking up, albeit slowly, as solar cycle 24 builds momentum. For many new Amateur Radio operators, this is their first solar cycle, and conditions on 10 meters have never been better. Activity is also picking up, with the second-highest number of stations ever submitting logs from the US, Canada, and Mexico. Mexico, in particular, provided a new twist on an old contest; many operators thrilled in the new challenge of chasing Mexican state multipliers for the first time.

The 2010 contest rules included an exciting new change. For the first time ever, Mexican stations would send their state in the contest exchange (instead of a serial number) and Mexican states now count as multipliers (in the same way that US states and Canadian provinces count as multipliers). Nobody was really sure how this would work out the first time around. How many Mexican stations would be active in the contest? Would they all know the new rules and the need to send a state abbreviation instead of a serial number? Would other testers understand the new exchange? Would anybody log all 32 Mexican states?

The Mexican stations in the contest reported an enormous level of excitement and pride in representing their country in this new format of the ARRL 10 Meter Contest. In 2009, the ARRL received just 6 logs from XE stations; in 2010, the number of logs from XE stations jumped to 50. Over 100 unique XE call signs appear to have been active in the contest, and 26 out of the 32 states were on the air. Positive comments have been received from all over Mexico and the world. With new Mexican state records to chase and contest, even more activity from XE is expected in 2011.



Thank these two for all the activity from XE-land. Hector XE2K (L) and Ramon XE1KK (R) were instrumental in drumming up activity from most of the 32 Mexican states in 2010. *Gracias, Amigos!* (photo courtesy Hector Garcia, XE2K)

Activity

A total of 2,474 logs were entered in the contest this year, an increase of 413 logs, about 20% more than in 2009. One major source of the increase in submitted logs was Asia, which more than doubled the number of logs submitted (191 logs) from 2009 (just 89 logs). European stations submitted 43 more logs in 2010 and now account for 46% of all DX logs. Oceania and South America log counts also increased, but the number of logs from North American DX stations (which no longer includes Mexican stations) and from Africa remained about the same as last year. The number of logs from Canada increased by 42% this year, with logs received from every province and territory except Nunavut (VYØ). In the United States, there were 150 more logs overall, an increase of about 11%. Activity was better in most Divisions, but was down in the Central, Dakota, Hudson, and New England Divisions. In the first year with Mexico participating in an expanded W/VE/XE competition, 50 logs were received from XE-land.

INSIDE THE 10 METER RESULTS

- 2** DX Results
- 8** W/VE/XE Results
- 14** 10 Meters from XE by Hector Garcia, XE2K
- 15** Affiliated Club Competition Results

The three Single-Operator Low Power categories continue to account for more than half of all log submissions. For DX operators, the CW-only categories are now the most popular. As many DX stations entered in the low-power CW-only category as entered the low-power mixed-mode or phone-only categories combined. For W/VE/XE stations, the Mixed-Mode categories continue to be the most popular. In 2010, the CW-only categories had more log submissions than the phone-only categories, the first time that has ever happened since the single-mode categories were added to the contest in 1980! The Multi-Operator category is more popular than ever. DX Multi-Operator entries were up an amazing 53% in 2010, and W/VE/XE Multi-Operator logs increased by 31%.

Records

It will be at least one more year before the top-level records are broken. For the third year in a row, there were no world, continental, or overall W/VE/XE records set. There were also no new stations in the top QSO totals or top multiplier totals listings in 2010. There were, however, new records set at the DXCC entity level and the W/VE/XE section level. 34 new DXCC entity records were set in 2010, with at least three new records set in each continental area. Four new records were set in Africa (J28RO, V51YJ, Z21DXI, ZS6NJ), nine new records were set in Asia (XV4TUJ, 9W2ESM, 9M2TO, A65BD, A65BP, BD4HY, BD2SH, XU7FMZ, ZC4LI), three records were set in Europe (ES1WST, ON6AB, S59D), six records were set in North America (HI3CC, J39BS, J6BP, J79WTA, V31BD, VP5CW), eight new records were set in Oceania (9M6/W8AY, 9W6ZAM, DU1/JJ5GMJ, FO8RZ, KH2/NH7S, V73QQ, VK9NN, YCØNSI), and four new records were set in South America (FY1FL, HC2A, HK1R, LU1HF).

Even without considering the Mexican states, more new W/VE section records were set in 2010 than were set in 2009. Seven section records were set in the US, all in single-operator QRP categories. Setting new Single Operator Mixed-Mode QRP records were WA1LAD (RI), N1FJ (WMA), and KU4A (KY). Setting new Single Operator Phone-Only QRP records were KB5KYJ (WTX), KK6QQ (EB), KBØOLA (UT), and N9FRY (WI). Robert Schilling KK6QQ's 2010 score ties the East Bay record score he first set in 2009: 1 QSO to 1 multiplier for 1 point! Two new section records were set in Canada: VE2KOT (Single Operator Mixed-Mode QRP in Quebec) and VY1EI (Single Operator, CW-Only Low Power in the Northern Territories). Ten US and 12 Canadian section records remain unclaimed, primarily in the QRP categories. The most unclaimed records are from the Newfoundland/Labrador, Manitoba, and Northern Territories sections.

Starting in 2010, the W/VE record scores now include Mexican stations (becoming the W/VE/XE record scores). Mexican stations entered 7 of the 10 entry categories this year, setting the first Mexican division record scores. The new Mexican record holders include Single Operator Mixed-Mode entrants XE1L (LP) and XE2AC (HP), Single Operator Phone-Only entrants XE3N (LP) and XE1OGG (HP), Single Operator CW-Only entrants XE1AY (LP) and XE1MM (HP), and the Multi-Operator team at XE1KK. 41 inaugural Mexican state records were established this year. With 32 states and 10 categories each, the vast majority of the 320 Mexican state records remain unclaimed, including every available QRP record.

Complete record scores for the ARRL 10 Meter Contest are at:
<http://www.arrl.org/contest-records>

Results - DX

DX Single Operator Mixed-Mode

First place in the **DX Single Operator Mixed Mode QRP** category was Jose Geraldo PU5ATX from the coastal town of Imbituba in Santa Catarina state, Brazil. Jose's score of 60,888 was over 10 times the score of any other DX station in the category. Jose made about 6 CW contacts for every phone contact. Second place went to Ymanol Yoseva Caires Zubicaray YV5YMA, operating with the contest call sign of 4M2L. Ymanol operated from Caracas, Venezuela and made 100 contacts with 25 multipliers. Serge Vasilenko UR2VA of Kirovograd, Ukraine came in third place with 4,320 points and the top result from Europe. The top Asian score was fourth place finisher Arasu Manohar, VU2UR. Arasu lives in Bangalore, and has been involved in many recent IOTA DXpeditions to Indian island groups.

DX TOP TEN

Mixed Mode, QRP

PU5ATX	60,888
4M2L (YV5YMA, op)	8,120
UR2VA	4,320
VU2UR	3,542
PY2NY	3,400
UR5IFX	2,960
ON6AB	2,280
PY4ZO	1,794
LZ1MC	1,734
UA1AFT	1,568

Mixed Mode, Low Power

PY2SEX	181,720
LU5FF	180,804
LW3DG	144,966
HK3O	144,060
LO2F (LU1FAM, op)	133,760
EA8OM (DJ1OJ, op)	80,580
PY3OZ	72,000
LW1EUD	42,480
VK4TJF	33,528
DL5L (DG0OKW, op)	23,072

Mixed Mode, High Power

AY5F	1,078,704
HK1R	897,600
CE3FZ	647,752
PW2D (PY2ZXU, op)	452,452
VK4IU (VK4EMM, op)	424,780
V31RG (K4VU, op)	367,200
LV5V (LU5VV, op)	230,724
ZS1EL	216,106
OA4SS	191,820
VK3TDX	166,950

Phone Only, QRP

LU1VK	8,924
CT2IOV	7,140
VK4ATH	1,118
9M6/W8AY (R2AD, op)	588
JM2RUV	528
JA2MWV	384
YC0NSI	336
I5KAP	252
EA3FF	252
PY2BN	182

Phone Only, Low Power

HI3TEJ	194,940
LR4E (LW4EU, op)	105,120
LW7DUC	103,740
LU6FOV	82,320
LU5MT	65,412
LW3DN	64,372
LW6DAK	61,072
FY1FL	57,288
PY2CX	50,244
PP5JAK	44,238

Phone Only, High Power

LR2F	300,276
PQ5B (PP5JD, op)	231,768
P4ØK (K6KO, op)	154,528
LU7VCH	140,188
ZX2B (PY2MNL, op)	113,220
AY8A (LU8ADX, op)	112,662
CU2KG	92,820
V25R	58,926
PY5ZD	57,200

CW Only, QRP

AY9F	60,720
LP2D (LU6DO, op)	41,688
US5VX	3,680
UT2IV	3,648
RU7A	3,384
JR1NKN	2,444
JH8FAJ/1	1,400
JA7GAX	1,100
Z35F	792
UA9AFS	760

CW Only, Low Power

V31BD (WQ7R, op)	263,848
LU8QT	234,052
PY1NX	228,864
PP5KR	223,924
LW1E (LU1EWL, op)	194,884
Z21DXI (VK6DXI, op)	177,848
V51YJ	146,640
J39BS	129,888
PY2MTS	94,224
ZL3TE (W3SE, op)	85,044

CW Only, High Power

LU1HF	752,464
VP5CW (W5CW, op)	562,772
CX9AU	369,600
LU6UO	333,216
CE3DNP	315,084
CE1/K7CA	292,824
L33M (LU3MAM, op)	184,680
CR6K (CT1ILT, op)	109,272
9A5W	72,324
CA3KHZ	61,000

Multioperator

CW5W	1,161,960
ZX5J	1,148,940
LS1D	1,103,400
CE4CT	1,055,392
PJ2T	964,094
HD2A	827,696
CW5R	723,140
WP3C	658,762
PT3T	626,472
ZF1A	615,088

In the **DX Single Operator Mixed-Mode Low Power** category, seven of the Top Ten scores were made from South America (the same percentage as in 2009). All three top scores were from South America. Moving up two spots from last year, Alex Correia PY2SEX took first place with 181,720 points from Campinas, Brazil. Despite his first place finish, Alex wishes the propagation had been better: "This was the worst ARRL 10 Meter Contest ever. There was no big opening to North America this time - only a one hour opening on Sunday." A close second-place result (180,804 points) went to Javi Pons Estell LU5FF, operating from the Buenos Aires area. This is the second year in a row that LU5FF has finished in second place. Javi uses a 6-element tri-band antenna, mounted 19 meters above ground. By a very narrow margin, Eduardo Gomez LW3DG took third-place (144,966 points) operating from the Buenos Aires area. With a score less than 1% behind Eduardo's, fourth place went to Mario Henao HK3O (144,060) operating from Barranquilla, Colombia. Mario had more contacts in the log than Eduardo, but Eduardo worked 6 more multipliers. The top non-South American score was made by Heijo Schulte EA8OM (80,580 points) in the Canary Islands, off the west coast of Africa.

The top three scores in the **DX Single Operator Mixed-Mode High Power** category also went to stations from South America this year. Moving up from second place last year, the category victory went to Jesus Rubio AY5F (1,078,704 points) from Rosario, Argentina. With 1737 contacts and 198 multipliers, Jesus was the only DX single operator this year to score over a million points. Second place went to Jorge Prieto HK1R (897,600 points) of Atlantico, Colombia. Jorge noted that propagation on Saturday was poor for him, but was much better on Sunday. Pedro Barroso CE3FZ of Santiago, Chile took third place (647,752). Unlike AY5F and HK1R, Pedro made more contacts on phone than on CW. "It was a good idea to include Mexican states as multipliers. I worked several of them," says Pedro. The top score from outside South America was John Loftus VK4EMM of Queensland, Australia. John, a WRTC veteran, was operating from the VK4IU station in the town of Coolabunia and made 424,780 points for a fifth place finish. Not many Europeans made it into John's log: "VK4 enters darkness before the sun rises over Europe - so the time-window is too narrow. VK3 and VK6 get a better chance into Europe."

DX Single Operator Phone-Only

The top three DX results in the **Single Operator Phone-Only QRP** category came from stations on three different continents in 2009 and the same pattern held true in 2010. The winner this year was Francisco de Cesare LU1VK (8,924 points), operating from the foothills of the Andes Mountains in Rio Negro, Argentina. Francisco worked 46 multipliers, by far the most of any station in the category. Second place went to Arnaldo Jose Santos Ferreira CT2IOV of Loule, Portugal (7,140 points). Arnaldo's antenna on 10 meters is a three-element tri-band at 18 meters above ground. Third place went to Tom Hatton VK4ATH (1,118 points) of Gales, Queensland, Australia. Tom operated the contest with a five-element monobander antenna. The best Asian score was Paul Sharunin 9M6/W8AY (588 points) and the top European score was Franco Bernardini I5KAP (252 points).

Six of the top ten DX scores in the **Single-Operator Phone-Only Low Power** category came from Argentina. Winning the category, however, was a North American: Ted Jimenez HI3TEJ (194,940 points) of Puerto Plata in the Dominican Republic. "Both nights, the band stayed open after midnight and was wide open to USA and South America." Ted worked every US state except Indiana. Second place in the category went to Jorge Manuel Conde Saubidet LW4EU, operating with his contest call sign LR4E. Operating from the small town of Chacabuco, west of Buenos Aires, Jorge made 596 contacts with 90 multipliers for 105,120 points. A very close third place went to Claudio Alejandro Kennel LW7DUC (103,740 points) from Buenos Aires. Claudio worked 5 more multipliers than Jorge, but 39 fewer contacts. The point spread between the second and third place results in this category was just 1.3%!

In the **DX Single Operator Phone-Only High Power** category, the victory went to last year's third-place finisher. Bob Marinesco LU2FA, operating with his contest call sign LR2F from Rosario, Argentina, won the category in 2008 and now again in 2010. Bob made 1330 contacts with 114 multipliers for a score of 200,276 points. Second place went to Jaime Dorneles PP5JD, using the contest call sign PQ5B. Operating from Florianopolis, Brazil, Jaime scored 231,768 points, but noted that propagation

to destinations outside North and South America was poor. Kay Anderson P4ØK came in third place (154,528 points) operating from the island of Aruba. "I had good runs across the USA, but the band never really opened to the northern latitudes or Canada. I had a short but decent run into the Pacific on Sunday, with E51CG a great surprise." The only Top Ten score not from South America was made by Martti Laine OH2BH, operating from the Azores with his CU2KG call sign. Martti made 92,820 points and finished seventh.

DX Single Operator CW-Only

Five of the top ten scores in the **Single Operator CW-Only QRP** category went to European stations this year, but the top two scores were from South America. Overall DX victory in the category went to Edmundo Drago AY9F (60,720 points). Edmundo operated the contest from the small town of Santo Tome in the Santa Fe state of Argentina, 380 km northwest of Buenos Aires. Edmundo made 255 contacts to 60 multipliers. Another station in Argentina, Mark LU6DO, operating from the LP2D club station in Buenos Aires, took second place with 41,688 points. Last year's category winner, Kulenko Eugene US5VX (3,680 points), operating from southeastern Ukraine, took third place and the top European score.

A North American station took the victory in the **DX Single Operator CW-Only Low Power** category. Raymond Cameron WQ7R, operating at his station in San Ignacio, Belize with the call sign V31BD scored over 263,848 points to take first place. Second place went to Roque Emilio Giacchetti LU8QT. Operating from the town of La Toma in San Luis state, Argentine, Giacchetti made 660 contacts to 91 multipliers for 234,052 points. Third place went to Soni Endlich Leite PY1NX (228,864 points) from Rio de Janeiro, Brazil. Lucas Nagel Costa PP5KR from Curitiba, Santa Catarina, Brazil came in a very close fourth place with 223,924 points. The score difference between third and fourth place was just 2.2%. The top score from outside of the Americas was Mirek Rozbicki VK6DXI, operating from Bulawayo, Zimbabwe with his Z21DXI call sign. Mirek scored 177,848 points to finish in sixth place. "I was surprised to see 10 meters was open. I used only a simple long-wire antenna and an Icom IC-7000 transceiver with 100 watts output. I was on a short business trip and I had a lot of fun," says

Mirek. Many operators were excited to work Z2 in the contest.

Operating from San Francisco, Argentina, Juan Morandi LU1HF made 1465 contacts with an impressive 131 multipliers to score 752,464 points and win the **Single Operator CW-Only High Power** category for DX for the second year in a row. David Horn W5CW took second place operating from the Turks and Caicos Islands with his VP5CW call sign (562,772 points). Third place went to Daniel Alejandro Neves Pardias CX9AU (369,600 points), operating from the capital city of Uruguay, Montevideo: "This was my first time to work all 50 US states in the ARRL 10 Meter Contest." The top European score in the category was Filipe Monteiro Lopes CT1ILT, operating with the contest call sign CR6K from a small town near Porto, Portugal. Filipe scored 109,272 points and took 8th place in the category. Filipe worked 34 US states and Canadian provinces, but never heard a Mexican station.

DX Multi-Operator

In the **DX Multi-operator** category, all of the top ten scores came from stations in South America or North America. Winning the contest for the third year in a row was the CW5W team in Cerro Largo, Uruguay. Operating from the station of Jorge Furest CX6VM and using his contest call sign, the team made 1,161,960 points, almost twice as many points as their winning effort from last year. For the second year in a row, second place went to the team at ZX5J (1,148,940 points) in Santa Catarina state, Brazil. Operators at ZX5J included Beatriz PU5BIA (13 years old) and Eduardo PU5FJR (11 years old). Leo PP1CZ notes, "It was a wonderful experience to take part in a contest with half of the team being kids." The kids did very well: the score difference between first and second place was very small - just 1.1%. The four-operator team at LS1D in Buenos Aires, Argentina took third place in the category. The operators made 1590 contacts to 225 multipliers for 1,103,400 points, just 3.9% behind the second place score.

Log-checking reports (LCRs) are online at:

<http://www.arrrl.org/contest-log-checking-reports>

DX CONTINENTAL LEADERS

For Class: MX =mixed mode, PH = Phone only, CW = CW only, Multiop = Multioperator

AFRICA

MX	LP	EA8OM (DJ1OJ, op)	80,580
MX	LP	EA8BQM	2,730
PH	LP	EA8AQV	900
PH	LP	EA8DG	128
CW	LP	Z21DXI (VK6DXI, op)	177,848
CW	LP	V51YJ	146,640
CW	LP	EA8CN	43,424
MX	HP	ZS1EL	216,106
MX	HP	ZS6BRZ	47,268
PH	HP	ZS5NK	1,960
Multiop		EA8AH	427,320
Multiop		ZS6NJ	179,396

ASIA

MX	QRP	VU2UR	3,542
MX	QRP	JK1TCV	1,472
MX	QRP	JA6FGC	1,170
PH	QRP	JM2RUV	528
PH	QRP	JA2MWV	384
CW	QRP	JR1NKN	2,444
CW	QRP	JH8FAJ/1	1,400
CW	QRP	JA7GAX	1,100
MX	LP	JA6WFM	14,848
MX	LP	JH7RTQ	7,992
MX	LP	JH6WHN	6,448
PH	LP	XU7FMZ (JA1FMZ, op)	6,000
PH	LP	JN1IZR	3,390
PH	LP	9W2ESM	1,176
CW	LP	E21YDP	33,280
CW	LP	C4Z (5B4AIZ, op)	21,700
CW	LP	H2E	18,720
MX	HP	JA7NVF	43,968
MX	HP	ZC4LI	36,750
MX	HP	RG9A	28,560
PH	HP	JA7OWD	15,128
PH	HP	JA2PAC	13,272
PH	HP	JA2BNN	2,652
CW	HP	UN9GD	31,816
CW	HP	UA9ND	24,568
CW	HP	UA9OG	11,700
Multiop		JAØFVU	14,000
Multiop		RV9UP	9,936
Multiop		UA9AGX	9,802

EUROPE

MX	QRP	UR2VA	4,320
MX	QRP	UR5IFX	2,960
MX	QRP	ON6AB	2,280
PH	QRP	CT2IOV	7,140
PH	QRP	EA3FF	252
PH	QRP	I5KAP	252
CW	QRP	US5VX	3,680
CW	QRP	UT2IV	3,648
CW	QRP	RU7A	3,384
MX	LP	DL5L (DG0OKW, op)	23,072
MX	LP	HG0R (HA0NAR, op)	18,560
MX	LP	RN3T (UA3TW, op)	13,926
PH	LP	YO3CZW	2,756
PH	LP	R7NA	2,356
PH	LP	CT2JBG	1,440
CW	LP	F8AKC	13,068
CW	LP	EA5FQ	11,600
CW	LP	R3QA	10,260
MX	HP	GM2V (GM3WOJ, op)	38,628
MX	HP	S57S	30,940
MX	HP	G0HVQ	27,248
PH	HP	CU2KG	92,820
PH	HP	CR2T (CU2AF, op)	20,412
PH	HP	G0AEV	16,268
CW	HP	CR6K (CT1ILT, op)	109,272
CW	HP	9A5W	72,324
CW	HP	RW4PL	45,816
Multiop		DK5QN	122,958
Multiop		ED1R	114,444
Multiop		EA7URD	86,862

NORTH AMERICA

MX	LP	C6ANM	15,610
PH	LP	HI3TEJ	194,940
PH	LP	KP4/KH2RU	37,760
PH	LP	KG4EM	12,780
CW	LP	V31BD (WQ7R, op)	263,848
CW	LP	J39BS	129,888
CW	LP	NP2L	77,760
MX	HP	V31RG (K4VU, op)	367,200
PH	HP	V25R	58,926
PH	HP	FM5AN	8,284
CW	HP	VP5CW (W5CW< op)	562,772
Multiop		WP3C	658,762
Multiop		ZF1A	615,088
Multiop		HI3CC	365,820

OCEANIA

PH	QRP	VK4ATH	1,118
PH	QRP	9M6/W8AY (R2AD, op)	588
PH	QRP	YC0NSI	336
MX	LP	VK4TJF	33,528
MX	LP	VK4FJ	12,880
MX	LP	DU1LC	1,998
PH	LP	VK4LAT	37,026
PH	LP	VK4EJ	19,800
PH	LP	NH7RO	11,310
CW	LP	ZL3TE (W3SE, op)	85,044
CW	LP	VK4SN	44,480
CW	LP	VK2BJ	16,308
MX	HP	VK4IU (VK4EMM, op)	424,780
MX	HP	VK3TDX	166,950
MX	HP	FO8RZ	129,996
PH	HP	VK6IR	10,974
PH	HP	KH2JU	9,044
PH	HP	DU1JI	8,820
CW	HP	V73QQ	3,224
Multiop		DU1/JJ5GMJ	4,158
Multiop		ZL3GA	1,512
Multiop		VK2RSG	256
Multiop		VK9NN	42,168
Multiop		VK3GK	780

SOUTH AMERICA

MX	QRP	PU5ATX	60,888
MX	QRP	4M2L (YV5YMA, op)	8,120
MX	QRP	PY2NY	3,400
MX	QRP	PV8AZ	700
PH	QRP	LU1VK	8,924
PH	QRP	PY2BN	182
CW	QRP	AY9F	60,720
CW	QRP	LP2D (LU6DO, op)	41,688
CW	QRP	PY1CMT	748
MX	LP	PY2SEX	181,720
MX	LP	LU5FF	180,804
MX	LP	LW3DG	144,966
PH	LP	LR4E (LW4EU, op)	105,120
PH	LP	LW7DUC	103,740
PH	LP	LU6FOV	82,320
CW	LP	LU8QT	234,052
CW	LP	PY1NX	228,864
CW	LP	PP5KR	223,924
MX	HP	AY5F	1,078,704
MX	HP	HK1R	897,600
MX	HP	CE3FZ	647,752
PH	HP	LR2F	300,276
PH	HP	PQ5B (PP5JD, op)	231,768
PH	HP	P4ØK (K6KO, op)	154,528
CW	HP	LU1HF	752,464
CW	HP	CX9AU	369,600
CW	HP	LU6UO	333,216
Multiop		CW5W	1,161,960
Multiop		ZX5J	1,148,940
Multiop		LS1D	1,103,400

RESULTS – W/VE/XE

In 2009, three stations, one in each of the Single Operator Mixed-Mode categories, made the listings, but this year none made the Top Ten W/VE/XE boxes. The top score from Canada was Robert Nash VE3KZ in the Single Operator Mixed-Mode High Power category (233,480 points).

Two Mexican stations made the Top Ten score listings for W/VE/XE stations. Zalo Jara XE3N came in fourth place in the Single Operator Phone-Only, Low Power category with 50,048 points. Zalo operates from the resort town of Playa del Carmen, in the Quintana Roo state, which he describes as "Paradise on Earth". In the Single Operator CW-Only, Low Power category, Ismael Martinez Vizcarra XE1AY took ninth place with 115,640 points. Located in Manzanillo, Colima on Mexico's Pacific coast, Ismael has been an amateur radio operator for over 20 years and is an avid six meter enthusiast in addition to operating the ARRL 10 Meter Contest.

W/VE/XE Single Operator Mixed-Mode

There were three new call signs in the top three spots of the **W/VE/XE Single Operator Mixed-Mode QRP** category in 2010, and they all operated the contest from California. First place went to Dorian Anderton WA6FGV (119,210 points) of Santa Barbara section. Dorian made 381 contacts to 91 multipliers, almost exactly twice as many contacts as the second place station. Second place (37,620 points) went to Robert Tellefsen N6WG of East Bay section. "It's been a long time since 10 meters seemed so open and active. I really enjoyed it. I just wish I could have put in more hours," says Robert. Third place (31,920 points) went to David Bell W6AQ of Los Angeles section: "If Old Sol would only wake up, this would be a great contest."

In the Single Operator Mixed Mode Low Power category, the top two scores went to stations in Texas. Victory in the category as claimed by Dave Cockrum N5DO (284,750 points) from the West Texas section. Dave made 732 contacts with 125 multipliers. Dave was excited about the changes to the contest in 2010: "The decision to allow the Mexican states to count as multipliers was a great one. It added a lot of fun to chase down the various states. The participation from XE will hopefully continue to grow in the future." Second place went to Michael Pfeuffer WQ5C with 262,976 points, operating from the South Texas section. Michael made 721 contacts to 112 multipliers.

Richard Klein N9CM took third place (244,758 points) this year, operating from West Central Florida. Richard used three antennas on 10 meters: a five-element Yagi at 7 meters above ground, a Hygain TH6DXX tri-bander at 5.5 meters above ground, and an east-west oriented loop antenna at 12 meters above ground.

Victor Petcherkin N8OO (709,672 points) won the **Single Operator, Mixed-Mode High Power** category, operating from Louisiana. Victor made about 555 of his 1435 contacts to 172 multipliers on phone this year. John Bayne N4EEB, operating from North Florida, took second-place this year (574,002 points). John made about 55% of his contacts on CW. Chris Tate N6WM (485,280 points) came in third place, operating from the N6RO contest station in the East Bay section. "I had some domestic openings that were profound, including a 300 plus QSO/hour rate on Saturday morning and one on Sunday as well, each with a slightly different focus providing many good multipliers." A close fourth place finish was Jack Morgan KF6T with 467,262 points from the Sacramento Valley section, who finished 3.7% behind Chris's score.

W/VE/XE Single Operator Phone-Only

Rick Roy KB5KYJ won the **Single Operator, Phone-Only QRP** category for the second year in a row. Operating from West Texas, Rick worked 393 contacts in 46 multipliers for 35,604 points. Second place went to Bill Parker W8QZA (23,652 points), using the club call sign of the San Diego Spark Gap Society, W6QU. An amateur radio operator for over 50 years, Bill's current antenna on 10 meters is a three-element SteppIR Yagi at 10 meters above ground. Falling one spot from second place in 2009 to third place in 2010 was John Grove KE2OI (15,582 points) of Southern New Jersey. John made 148 contacts to 53 multipliers.



W7VO opened his shack to contest first-timer Steve Gette, KF7GNI. Steve took full advantage of the station and turned his first contest into an Oregon section victory in the Single Operator, Phone only, High Power category. (photo courtesy Mike Ritz, W7VO).

W/VE/XE TOP TEN

Mixed Mode, QRP

WA6FGV	119,210
N6WG	37,620
W6AQ	31,920
KS4X	31,780
W5GAI	29,070
K3TW	27,090
KØDI	22,230
VA3DF	21,600
WA1LAD	20,246
NT4TS	16,562

Mixed Mode, Low Power

N5DO	284,750
WQ5C	262,976
N9CM	244,758
K6AM	236,096
WQ5L	220,752
K4LY	217,884
W0PV	192,000
W5ZL	187,264
N4VA	175,104
NR7Q	156,600

Mixed Mode, High Power

N8OO	709,672
N4EEB	574,002
N6WM (@N6RO)	485,280
KF6T	467,262
N4PN	463,752
N8II	460,412
WB9Z	398,660
W3EP	395,592
NA4CW	391,012
K3ZO	375,552

CW Only, QRP

WG5G	73,392
KØOK	35,340
KE5AKL	31,584
AE8M	30,100
W7JI	28,336
W4ZKE	26,880
K4CIA	26,724
NC7W	22,308
AA1CA	22,188
W5ESE	20,768

CW Only, Low Power

N4WW (N4KM, op)	335,328
WD4AHZ	248,304
WK2G	243,520
AE5GT	239,704
K9WZB	171,024
K7HP	139,444
K5FP	129,712
N4ZI	118,524
XE1AY	115,640
W2TX	108,420

Phone Only, QRP

KB5KYJ	35,604
W6QU (W8QZA, op)	23,652
KE2OI	15,582
N3AWS	7,722
N8MWK	6,552
N9FRY	6,144
WA5DSS	2,750
KR1ST	2,438
KBØOLA	1,802
WD5FGZ	1,776

Phone Only, Low Power

AC5O	133,292
WA8QYJ	75,884
AD5RQ	67,536
XE3N	50,048
WB5R	46,224
KC6AWX	36,226
K5KDX	26,208
AF6AV	25,500
N6KP	25,424
WB9PUB	25,000

Phone Only, High Power

W5PR	408,980
K5TR (WM5R, op)	341,904
NR5M	339,764
NA5TR	245,336
N8RA	118,736
K6HNZ	116,220
W5COW	109,062
N7UQ	104,310
K8CC (N8NX, op)	90,576

CW Only, High Power

K1TO	717,060
K5NA	561,816
W5KFT (K5PI, op)	533,728
N4BP	513,616
KH6ZM	454,528
N7AT (K8IA, op)	374,016
NY3A	311,248
N5NA	259,624
WØSD (WØDB, op)	241,488

WJ9B

230,972

Multioperator

NX5M	1,161,864
K5KG	744,228
K6LL	678,960
W6YX	640,278
KØLUZ	555,680
AK7AZ	538,410
K1WHS	522,984
KØDU	518,856
N2MM	464,352
W5YAA	449,328

Jeff Guidry AC5O (133,292 points), operating from his QTH southwest of New Orleans, Louisiana moved up two places from last year to finish in first place in the **Single Operator, Phone-Only Low Power** category in 2010. Jeff worked 717 contacts in 94 multipliers with a Hexbeam antenna at 15 meters above ground. Robert Brady WA8QYJ (75,884 points) of South Florida took second place. Third place went to Udo Ludwig AD5RQ (67,536 points) from the North Texas section. A native of Germany, Udo moved to the USA in 1994. One of only two Mexican stations to make a Top Ten finish this year, Zalo Jara XE3N came in fourth place with 50,048 points from Playa del Carmen, Quintana Roo. "It was a great contest, with irregular propagation from my QTH similar to the six meter band."

In the **Single Operator Phone-Only High Power** category, the top four stations all made over 200,000 points in 2010, and all four were located in the South Texas section. After two consecutive second-place finishes in 2008 and 2009, ten meters specialist Chuck Dietz W5PR took the top score this year with 1868 contacts to 110 multipliers for 408,980 points from his station in Manvel, south of Houston: "Working the new XE multipliers was a blast. I was astounded to work almost 50 XEs!" 320 kilometers to the west, last year's fifth place finisher, Ken Harker WM5R took second place (341,904 points) operating from the K5TR station near Johnson City in the Texas Hill Country. Third place went to George DeMontrond NR5M (339,764 points), operating from his station near Hempstead, west of Houston. On 10 meters, the Texas-sized NR5M station has a total of 7 monoband long-boom Yagis on three towers spread between 11 meters and 58 meters above ground level. Rusty Hill NA5TR (245,336 points) took fourth place from his Hill Country station northwest of Kerrville. "The activity level this year was GREAT! Band conditions were sporadic, as everyone has been saying. 25% of my QSOs were in the last three hours on Sunday afternoon," Rusty notes.

W/VE/XE Single Operator CW-Only

Three new faces were at the top of the **Single Operator CW-Only QRP** category in 2010. Dan Walker WG5G of South Texas won the category with 278 contacts to 66 multipliers for a total of 73,392 points. "I tried to put in a big effort this year; the band was really amazing," says Dan. Robert Novak KØOK (35,340 points) came in second place, operating from his station in the Orange section of southern California. Third place went to Michael Walsh KE5AKL (31,584 points), operating from New Mexico. Michael enjoys outdoor activities and often takes along his QRP rig. Operating from New Hampshire, Thomas Doubek AA1CA (22,188 points) finished in ninth place, but had one of the best results of any station from New England this year.

The top three scores in the **Single Operator, CW-Only Low Power** category all came from stations operating in Florida. Kevin Milhorn N4KM won the category with 335,328 points operating from the N4WW station in the North Florida section. Kevin was the only operator in the category to make more than 1000 contacts in the contest. Ronald Wetjen WD4AHZ (248,304 points) came in second place, operating from West Central Florida. Also in the West Central Florida section, third place went to Merrill Brown WK2G (243,520 points). Last year's category winner, Clint McClure AE5GT of South Texas came in fourth place in 2010 (239,704 points), just 1.5% behind the third-place score.

Rebounding from his fifth place finish in 2009, Dan Street K1TO won the **Single Operator, CW-Only High Power** category in 2010 (717,060 points) from West Central Florida. Dan had a three hour long power outage on Sunday, but still claimed the victory. "After suffering miserably for 3 of the past 4 years in the ARRL 10 Meter Contest, it was great to get off to a solid start and have it keep going pretty much all day Saturday. I had all 10 US call areas in the log by 0144 UTC." Last year's category winner, Richard King K5NA, came in second place this year with 561,816 points from South Texas. "Dan K1TO and I have gone head-to-head in this contest for a number of years. I realize that my best finishes are only with low sunspots, and as conditions improve my advantage will go away." Third place went to another South Texas operator, Robert Brandon K5PI (533,728 points). Robert operated from the W5KFT station in the Texas Hill Country, about 100 kilometers west of the K5NA station. Robert also got off to a good start: "The nice e-skip on Friday night just kept going and going and going. I was making contacts until 0623 UTC!" Massimo Zenobi KH6ZM (454,528 points) had the best overall results of any station from Hawaii, finishing in fifth place.

W/VE/XE Multi-Operator

The four-operator team at NX5M earned its sixth consecutive victory in the W/VE/XE Multi-operator Single Transmitter category. This is the 14th year in a row that Bob Pack NX5M and team have entered the category, and their seventh victory overall. The team made 1,161,864 points from their station near Lake Somerville in the South Texas section. Earning the second place spot was George Wagner K5KG (744,228 points), operating with packet assistance from West Central Florida. David Hachadorian K6LL, also operating with packet and CW skimmer assistance (678,960 points) came in third place from Yuma, Arizona: "I rigged up a deal where one rig/amp was tuned up on CW, and one was tuned for SSB, and I could instantly flip between modes. The active rig got the 10 meter antenna, and the inactive rig got a dummy load. That setup worked great - it was all automatic."

W/VE/XE DIVISION WINNERS

Mixed Mode

Atlantic	KØDI	22,230	A	10
Central	AF9J	1,484	A	10
Delta	KS4X	31,780	A	10
Great Lakes	KU4A	13,090	A	10
Hudson	WB2AMU	5,280	A	10
Midwest	K2HT	16	A	10
New England	WA1LAD	20,246	A	10
Northwestern	N6LB	600	A	10
Pacific	N6WG	37,620	A	10
Roanoke	K4WY	4,550	A	10
Rocky Mountain	NS7K	14,980	A	10
Southeastern	K3TW	27,090	A	10
Southwestern	WA6FGV	119,210	A	10
West Gulf	W5GAI	29,070	A	10
Canada	VA3DF	21,600	A	10

Atlantic	K2PS	112,612	B	10
Central	K9OM	29,400	B	10
Dakota	NXØX	44,208	B	10
Delta	WQ5L	220,752	B	10
Great Lakes	K8BL	58,316	B	10
Hudson	K2GV	75,042	B	10
Mexico	XE1FZE	47,988	B	10
Midwest	KØBJ	97,944	B	10
New England	W1WBB	73,164	B	10
Northwestern	N7LOX	66,816	B	10
Pacific	AD6X	32,376	B	10
Roanoke	K4LY	217,884	B	10
Rocky Mountain	K5WO	107,256	B	10
Southeastern	N9CM	244,758	B	10
Southwestern	K6AM	236,096	B	10
West Gulf	N5DO	284,750	B	10
Canada	VE3CX	10,912	B	10

Atlantic	K3ZO	375,552	C	10
Central	WB9Z	398,660	C	10
Dakota	KØRC	54,054	C	10
Delta	N8OO	709,672	C	10
Great Lakes	K8MP	18,040	C	10
Hudson	WA2JQK	64,610	C	10
Mexico	XE2AC	337,548	C	10
Midwest	WØJPL (KØJPL, op)	149,400	C	10
New England	W3EP	395,592	C	10
Northwestern	K7RL	365,310	C	10
Pacific	N6WM (@N6RO)	485,280	C	10
Roanoke	N8II	460,412	C	10
Rocky Mountain	NØKE	311,880	C	10
Southeastern	N4EEB	574,002	C	10
Southwestern	W6YI	151,108	C	10
West Gulf	W5AJ	316,260	C	10
Canada	VE3KZ	233,480	C	10

W/VE/XE DIVISION WINNERS

Phone Only

Atlantic	KE2OI	15,582	A	10
Central	N9FRY	6,144	A	10
Delta	N3AWS	7,722	A	10
Great Lakes	N8MWK	6,552	A	10
Hudson	AA2VK	928	A	10
New England	N1TM	286	A	10
Northwestern	WA7PVE	300	A	10
Pacific	W6MIL (N6WR, op)	408	A	10
Roanoke	KR1ST	2,438	A	10
Rocky Mountain	KB0OLA	1,802	A	10
Southeastern	W4YBB	8	A	10
Southwestern	W6QU (W8QZA, op)	23,652	A	10
West Gulf	KB5KYJ	35,604	A	10
Canada	VE3BKM	10	A	10

Atlantic	AJ3T	19,076	B	10
Central	WB9PUB	25,000	B	10
Dakota	WBØTSR	2,880	B	10
Delta	AC5O	133,292	B	10
Great Lakes	W8PT	18,020	B	10
Hudson	KS2G	6,102	B	10
Mexico	XE3N	50,048	B	10
Midwest	WAØN	21,000	B	10
New England	W1KDA	8,178	B	10
Northwestern	KB7QFE	9,516	B	10
Pacific	KC6AWX	36,226	B	10
Roanoke	W4SLT	14,260	B	10
Rocky Mountain	KDØBSY	11,840	B	10
Southeastern	WA8QYJ	75,884	B	10
Southwestern	AF6AV	25,500	B	10
West Gulf	AD5RQ	67,536	B	10
Canada	VA7FC	11,270	B	10

Atlantic	W3LL	48,960	C	10
Central	N9LB	3,600	C	10
Dakota	KØVH	7,850	C	10
Delta	N4QWZ	41,328	C	10
Great Lakes	K8CC (N8NX, op)	90,576	C	10
Hudson	KE2DX	69,900	C	10
Mexico	XE1OGG	1,178	C	10
Midwest	KØRH	49,248	C	10
New England	N8RA	118,736	C	10
Northwestern	W7LEA	24,440	C	10
Pacific	K6HNZ	116,220	C	10
Roanoke	AD4L	22,568	C	10
Rocky Mountain	W5COW	109,062	C	10
Southeastern	N4WZ	82,308	C	10
Southwestern	N7UQ	104,310	C	10
West Gulf	W5PR	408,980	C	10
Canada	VO1KVT	44,688	C	10

W/VE/XE DIVISION WINNERS

CW Only

Atlantic	K2SM	8,216	A	10
Central	AI9K	2,760	A	10
Dakota	NØUR	17,408	A	10
Delta	NU4B	4,536	A	10
Great Lakes	AE8M	30,100	A	10
Hudson	KR2Q	17,028	A	10
Midwest	W7JI	28,336	A	10
New England	AA1CA	22,188	A	10
Northwestern	K7HBN	6,760	A	10
Pacific	K6MI	7,000	A	10
Roanoke	K4CIA	26,724	A	10
Rocky Mountain	KE5AKL	31,584	A	10
Southeastern	W4ZKE	26,880	A	10
Southwestern	KØOK	35,340	A	10
West Gulf	WG5G	73,392	A	10
Canada	VE5VA	3,872	A	10

Atlantic	W3BGN	105,488	B	10
Central	W9PN	41,256	B	10
Dakota	KØEA	18,200	B	10
Delta	N4ZI	118,524	B	10
Great Lakes	K4FT	83,520	B	10
Hudson	K2UF	54,936	B	10
Mexico	XE1AY	115,640	B	10
Midwest	WS4Y	44,736	B	10
New England	K1DC	71,424	B	10
Northwestern	K4XU	64,068	B	10
Pacific	N6EE	67,584	B	10
Roanoke	KR4V	51,504	B	10
Rocky Mountain	ACØDS	76,340	B	10
Southeastern	N4WW (N4KM, op)	335,328	B	10
Southwestern	K9WZB	171,024	B	10
West Gulf	AE5GT	239,704	B	10
Canada	VE1ZA	32,648	B	10

Atlantic	NY3A	311,248	C	10
Central	K9BGL	162,424	C	10
Dakota	WØSD (WØDB, op)	241,488	C	10
Delta	W5WMU	206,064	C	10
Great Lakes	N8BJQ	79,696	C	10
Hudson	W2EG	60,320	C	10
Mexico	XE1MM	190,864	C	10
Midwest	K0RWL	110,720	C	10
New England	N2KW	221,160	C	10
Northwestern	K7BG	137,460	C	10
Pacific	KH6ZM	454,528	C	10
Roanoke	K2SX	75,624	C	10
Rocky Mountain	WØZA	193,116	C	10
Southeastern	K1TO	717,060	C	10
Southwestern	N7AT (K8IA, op)	374,016	C	10
West Gulf	K5NA	561,816	C	10
Canada	VY2ZM	214,968	C	10

W/VE/XE DIVISION WINNERS

Multioperator

Atlantic	N2MM	464,352
Central	N2BJ	82,192
Dakota	KDØS	170,464
Delta	KN5O	354,858
Great Lakes	N8NR	309,920
Hudson	K2DFC	60,040
Mexico	XE2K	267,096
Midwest	WØIW	128,674
New England	K1WHS	522,984
Northwestern	NK7U	165,462
Pacific	W6YX	640,278
Roanoke	K4FJ	367,752
Rocky Mountain	KØDU	518,856
Southeastern	K5KG	744,228
Southwestern	K6LL	678,960
West Gulf	NX5M	1,161,864
Canada	VA3DX	103,950

The Mexican Experience during the 2010 ARRL 10 Meter Contest



de Hector Garcia XE2K

First of all, let me say that all XE stations appreciate the initiative of the ARRL to include us in the fun of this contest. With the introduction of Mexican states as multipliers, the Grupo DXXE took the lead in Mexico to promote the event as a great chance to expand 10 meter band activity in Mexico. We realize that the beginning of the sunspot cycle looks slow to improve, but with more stations on the air and a little bit of patience, it would be possible for XE participants to make a good number of contacts. And of course, the Grupo DXXE was hoping for a little extra help with some good propagation on 10 meters during the weekend.

The Grupo DXXE is the most active group of contesters and DXers in Mexico. Several weeks before the contest, the Grupo DXXE President Joaquin Solana XE1R himself took on the job to promote XE participation in one of our weekly bulletins. The group also promoted the contest on the web, with all the contest-related information, like the rules and official abbreviations for the US, VE and XE multipliers, located at <http://www.dxxe.org/>

Ramon XE1KK has summarized the results of the Mexican station activity in the contest. Ramon's report was made with the input of several of the Mexican contest logs and the logs from other participants from different parts of the US and the continent. One of the most exciting results of the contest was that 26 of the 32 Mexican states were on the air and nearly 100 XE stations actively participated. The report can be found here: <http://www.dxxe.org/arrl10m/xes-arrl-10-1.pdf>

Reports from several XE operators on the weekend's propagation and the contest were very similar. A frequent comment was that many stations did not recognize the Mexican state multipliers. Some contesters did not read the new rules introduced in 2010 before the contest started and

others did not update their contest logging software. Zalo XE3N mentioned that some contesters struggled with his state abbreviation QUI. Some others had to take the time to explain to contesters why the exchange they were getting from an XE station was not a number, but a new form of multiplier.

Even in Mexico, the level of activity was encouraging. Ramon XE1KK observed, "I worked so many XE operators and several XE states on 10 meters for the very first time. The propagation reminds me of 50 MHz: it would go from big signals to zero signal in seconds, with a lot of scatter propagation. You could see the single and double jumps clearly to North America and typical TEP to South America."

Propagation played a big role in the contest for XE operators. Operators in the central Mexican states (XE1), which are smaller in size but with more participants, had the chance make ground wave and some backscatter contacts with each other when no other propagation was available. Very few Mexican stations reported making QSOs outside of North America, South America, or Oceania. Hector XE2K contacted JA1BPA for his only QSO with a station in Japan. Luis XE2AC managed to work CT1DVV, and was one of the few lucky XE stations to reach Europe during the weekend. Zalo XE3N, operating from the southern corner of Mexico in the town of Playa del Carmen, reported that his best propagation was to South America, but he also enjoyed some nice openings to Florida and U.S. east coast.

The number of QSOs made from the Mexican side of the contest was not bad. Hector XE2K passed the 800 QSO mark. Ramon XE1KK and Luis XE2AC made close to 800 QSOs. Jorge XE2WWW made almost 500 contacts, CW-only.

AFFILIATED CLUB COMPETITION

Club competition continues to be very popular in the ARRL 10 Meter Contest. 55 clubs qualified for the competition this year, 5 fewer than qualified in 2009, but 4 more than qualified in 2008. Affiliated clubs are organized into three categories: Local Clubs, Medium Clubs, and Unlimited Clubs. Which category your club will be ranked in depends on the number of logs submitted for the club, and how large the territory is from which the club members operate. For a club to be listed in the results, the Contest Branch must receive at least three entries from club members.

Local Club Category

This year, there were 22 clubs in the Local Club category, 3 fewer than in 2009. The Midland Amateur Radio Club of Midland, Texas won the category for the third time in four years. Seven club members combined for a score of 989,080 points, over four times as many points as last year. The Central Virginia Contest Club came in second place again this year, with 9 club members combining a total score of 780,186 points. Third place went to the Mother Lode DX/Contest Club. Based in the gold country of California, 8 club members combined for a total of 573,330 points.

Medium Club Category

The most popular club competition category in 2010 was the Medium Club category. 29 clubs qualified for this category (the same number of clubs as last year), and nine clubs scored over 1,000,000 points. Up from a third place finish in 2009, the Central Texas DX and Contest Club won the category this year with 5,437,738 points from 21 logs. The CTDXCC averaged 259,000 points per log, by far the highest of any club in 2010. The Arizona Outlaws Contest Club came in second place with 2,570,804 points from 45 logs. Last year's second-place finisher, the Yankee Clipper Contest Club came in third place in 2010. The YCCC had one more log than the AOCC, but only amassed 2,505,902 points. The score difference between the two clubs was just 2.5%.

Unlimited Club Category

Four clubs entered the Unlimited Club category (two fewer than last year), which retains limits on the geographic locations of the club stations, but not on how many members can enter on behalf of the club. Moving up one spot in the rankings from last year, the Florida Contest Group scored 9,015,272 points to win the category.

The FCG had the second-most logs submitted of any club (78). Second place in the category went to the Northern California Contest Club. The NCCC had 57 logs and a total of 3,993,006 points. Last year's winning club, the Potomac Valley Radio Club, came in third place this year. The PVRC had 3,563,898 points from 80 logs, the most submitted by any club this year. The Minnesota Wireless Association also entered the Unlimited Club category this year, and finished fourth overall with 821,666 points from 44 logs.

For your score to count for your club, you must be a member of the club, the station from which you operate must be located within the club's geographic territory, and you must include the club name in the Cabrillo log file headers when you submit your log. Do not use abbreviations, even if you think your club's abbreviation is well known. Many clubs have similar abbreviations. You can find the official list of contest club names on the ARRL Contest Branch web site. If your club is not listed, contact contests@arrl.org, and the team at the Contest Branch will help make sure that your club meets the Affiliated Club requirements and is updated on the list.

Get ready now for next year!

The next ARRL 10 Meter Contest will be December 10-11, 2011. Propagation will undoubtedly be better this year, with expected higher sunspot counts and higher solar flux. While there are no guarantees, better east-west intercontinental paths are likely. Hopefully even more Mexican stations will participate, giving everyone a chance to work the XE state multipliers. Will you be ready?

Help us provide better reports for ARRL Contests! Tell your story in the online Soapbox (www.arrl.org/soapbox). You can write about your experiences, post high-resolution photos and tell the world about your effort. We'll use good photos and stories in our writeups.

W/VE Regional Leaders

Boxes list call sign, score, class (A = Mixed Mode, B = Phone only, C = CW only, D = Multioperator), and power (A = QRP, B = Low Power, C = High Power).

Northeast Region

(New England, Hudson and Atlantic Divisions; Maritime and Quebec Sections)

KØDI	22,230	A	A				
WA1LAD	20,246	A	A	AA1CA	22,188	C	A
WB2AMU	5,280	A	A	KR2Q	17,028	C	A
N1FJ	4,120	A	A	WO2N	10,824	C	A
N2XP	2,464	A	A	K2SM	8,216	C	A
				W1TW	3,960	C	A
K2PS	112,612	A	B				
K2GV	75,042	A	B	W3BGN	105,488	C	B
W1WBB	73,164	A	B	K1DC	71,424	C	B
W1CCE	71,264	A	B	K2UF	54,936	C	B
N1IX	66,048	A	B	W2AW (N2GM, op)	32,712	C	B
				VE1ZA	32,648	C	B
W3EP	395,592	A	C				
K3ZO	375,552	A	C	NY3A	311,248	C	C
NN1N	231,686	A	C	N2KW	221,160	C	C
K1KI	70,300	A	C	VY2ZM	214,968	C	C
K3IU	69,642	A	C	N3UM	163,212	C	C
				AA3B	143,664	C	C
KE2OI	15,582	B	A				
AA2VK	928	B	A	K1WHS	522,984	D	
WB7OCV	504	B	A	N2MM	464,352	D	
N1TM	286	B	A	AA1JD	317,586	D	
AA1I	168	B	A	K1LZ	302,304	D	
				K6NDV	185,640	D	
AJ3T	19,076	B	B				
W3PAW	12,654	B	B				
W1KDA	8,178	B	B				
W1DYJ	7,000	B	B				
W1GKE	6,650	B	B				
N8RA	118,736	B	C				
KE2DX	69,900	B	C				
KA1ZD	54,400	B	C				
W3LL	48,960	B	C				
VO1KVT	44,688	B	C				

Southeast Region

(Delta, Roanoke and Southeastern Divisions)

KS4X	31,780	A	A				
K3TW	27,090	A	A				
NT4TS	16,562	A	A	W4ZKE	26,880	C	A
NA4BW	7,392	A	A	K4CIA	26,724	C	A
K4WY	4,550	A	A	K4ORD	13,736	C	A
				WB5NMZ	11,016	C	A
N9CM	244,758	A	B	W4QO	6,072	C	A
WQ5L	220,752	A	B				
K4LY	217,884	A	B	N4WW (N4KM, op)	335,328	C	B
W0PV	192,000	A	B	WD4AHZ	248,304	C	B
N4VA	175,104	A	B	WK2G	243,520	C	B
				N4ZI	118,524	C	B
N8OO	709,672	A	C	W2TX	108,420	C	B
N4EEB	574,002	A	C				
N4PN	463,752	A	C	K1TO	717,060	C	C
N8II	460,412	A	C	N4BP	513,616	C	C
NA4CW	391,012	A	C	WJ9B	230,972	C	C
				W5WMU	206,064	C	C
				K4MF	114,576	C	C
N3AWS	7,722	B	A				
KR1ST	2,438	B	A				
KD4OFG	648	B	A	K5KG	744,228	D	
N4RP	320	B	A	KØLUZ	555,680	D	
W4YBB	8	B	A	W4QN	396,760	D	
				K4FJ	367,752	D	
AC5O	133,292	B	B	W4LT	357,296	D	
WA8QYJ	75,884	B	B				
K5KDX	26,208	B	B				
WB4JFS	24,662	B	B				
N2ESP	20,790	B	B				
N4WZ	82,308	B	C				
N4QWZ	41,328	B	C				
KI4ACW	34,272	B	C				
NQ4I (K4NV, op)	25,380	B	C				
AD4L	22,568	B	C				

Central Region

(Central and Great Lakes Divisions; Ontario Section)

VA3DF	21,600	A	A				
KU4A	13,090	A	A				
VA3WR	6,804	A	A				
AF9J	1,484	A	A				
VE3CW	1,020	A	A	AE8M	30,100	C	A
				N8AP	6,612	C	A
K8BL	58,316	A	B	AI9K	2,760	C	A
N8VV	39,270	A	B	VA3RJ	2,752	C	A
W8KHP	32,640	A	B	KB9ZUV	2,460	C	A
K9OM	29,400	A	B				
N9LYE	26,416	A	B	K4FT	83,520	C	B
				WA8RCN	74,340	C	B
WB9Z	398,660	A	C	W9PN	41,256	C	B
WØAIH (NE9U, op)	321,540	A	C	N9AX	39,936	C	B
VE3KZ	233,480	A	C	VE3DZ	31,960	C	B
W9XT	203,112	A	C				
VE3MMQ	202,230	A	C	K9BGL	162,424	C	C
				K9CT	130,824	C	C
				N8BJQ	79,696	C	C
N8MWK	6,552	B	A	W9RE	63,484	C	C
N9FRY	6,144	B	A	W8JK (W8ERD, op)	62,400	C	C
N9NFB	24	B	A				
VE3BKM	10	B	A	N8NR	309,920	D	
				K1LT	212,724	D	
WB9PUB	25,000	B	B	W8MJ	205,556	D	
W8PT	18,020	B	B	VA3DX	103,950	D	
N9RJM	16,112	B	B	N2BJ	82,192	D	
K9IAC	13,694	B	B				
KC9LYP	7,502	B	B				
K8CC (N8NX, op)	90,576	B	C				
W8JUZ	38,528	B	C				
K8DJR	17,066	B	C				
WD8EOL	4,408	B	C				
N9LB	3,600	B	C				

Midwest Region

(Dakota, Midwest, Rocky Mountain and West Gulf Divisions; Manitoba and Saskatchewan Sections)

W5GAI	29,070	A	A				
NS7K	14,980	A	A				
NM6E	4,250	A	A				
WV7T	2,124	A	A				
AF5Q	1,664	A	A				
N5DO	284,750	A	B				
WQ5C	262,976	A	B				
W5ZL	187,264	A	B				
K5WO	107,256	A	B				
KØBJ	97,944	A	B				
W5AJ	316,260	A	C				
NØKE	311,880	A	C				
K7KU (KØKR, op)	279,600	A	C				
AB5K	268,128	A	C				
WØJPL (KØJPL, op)	149,400	A	C				
KB5KYJ	35,604	B	A				
WA5DSS	2,750	B	A				
KBØOLA	1,802	B	A				
WD5FGZ	1,776	B	A				
N7LR	2	B	A				
AD5RQ	67,536	B	B				
WB5R	46,224	B	B				
WAØN	21,000	B	B				
WA5IYX	16,608	B	B				
K5LKR	14,256	B	B				
W5PR	408,980	B	C				
K5TR (WM5R, op)	341,904	B	C				
NR5M	339,764	B	C				
NA5TR	245,336	B	C				
W5COW	109,062	B	C				
				WG5G	73,392	C	A
				KE5AKL	31,584	C	A
				W7JI	28,336	C	A
				NC7W	22,308	C	A
				W5ESE	20,768	C	A
				AE5GT	239,704	C	B
				K5FP	129,712	C	B
				K5LH	94,288	C	B
				WØVX	82,812	C	B
				ACØDS	76,340	C	B
				K5NA	561,816	C	C
				W5KFT (K5PI, op)	533,728	C	C
				N5NA	259,624	C	C
				WØSD (WØDB, op)	241,488	C	C
				WØZA	193,116	C	C
				NX5M	1,161,864	D	
				KØDU	518,856	D	
				W5YAA	449,328	D	
				KØRF	289,744	D	
				N5ZK	226,800	D	

West Coast Region

(Pacific, Northwestern and Southwestern Divisions;
Alberta, British Columbia and NWT Sections)

WA6FGV	119,210	A	A				
N6WG	37,620	A	A				
W6AQ	31,920	A	A				
N7IR	10,212	A	A	KØOK	35,340	C	A
N7FG	1,470	A	A	K6MI	7,000	C	A
K6AM	236,096	A	B	K7HBN	6,760	C	A
NR7Q	156,600	A	B	KU7Y	3,268	C	A
W7RV	112,200	A	B	KG7E	2,952	C	A
K6GEP	69,208	A	B	K9WZB	171,024	C	B
N7LOX	66,816	A	B	K7HP	139,444	C	B
N6WM (@N6RO)	485,280	A	C	KQ6ES	103,936	C	B
KF6T	467,262	A	C	KM6Z	89,280	C	B
K7RL	365,310	A	C	N6EE	67,584	C	B
KH7Y	265,320	A	C	KH6ZM	454,528	C	C
KA6BIM	245,616	A	C	N7AT (K8IA, op)	374,016	C	C
				WØYK	216,804	C	C
W6QU (W8QZA, op)	23,652	B	A	K6LRN	195,500	C	C
KK7EL	1,140	B	A	N6AA	188,188	C	C
W6MIL (N6WR, op)	408	B	A				
WA7PVE	300	B	A	K6LL	678,960	D	
KO6YG	4	B	A	W6YX	640,278	D	
KC6AWX	36,226	B	B	AK7AZ	538,410	D	
AF6AV	25,500	B	B	K6RIM	250,208	D	
N6KP	25,424	B	B	KH6MB	227,592	D	
W1ZD	18,240	B	B				
VA7FC	11,270	B	B				
K6HNZ	116,220	B	C				
N7UQ	104,310	B	C				
KT6VV	46,482	B	C				
K7LY	42,240	B	C				
W6AFA	30,104	B	C				

